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ABSTRACT

A method and apparatus are provided for selecting an optimum base station for communicating with a terminal in a wireless communication system. A base station controller stores two candidate sets for each terminal within communication range of the base stations controlled by the base station controller. One candidate set lists base stations for which the channel quality of the uplink channel between the base station and the terminal is acceptable for communication. The other candidate set lists base stations for which the channel quality of the downlink channel between is acceptable for communication. This allows the base station controller to take into account the predominant direction of traffic when assigning base stations for communication with the terminal.

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